

Teaching Software Testing in Colombia

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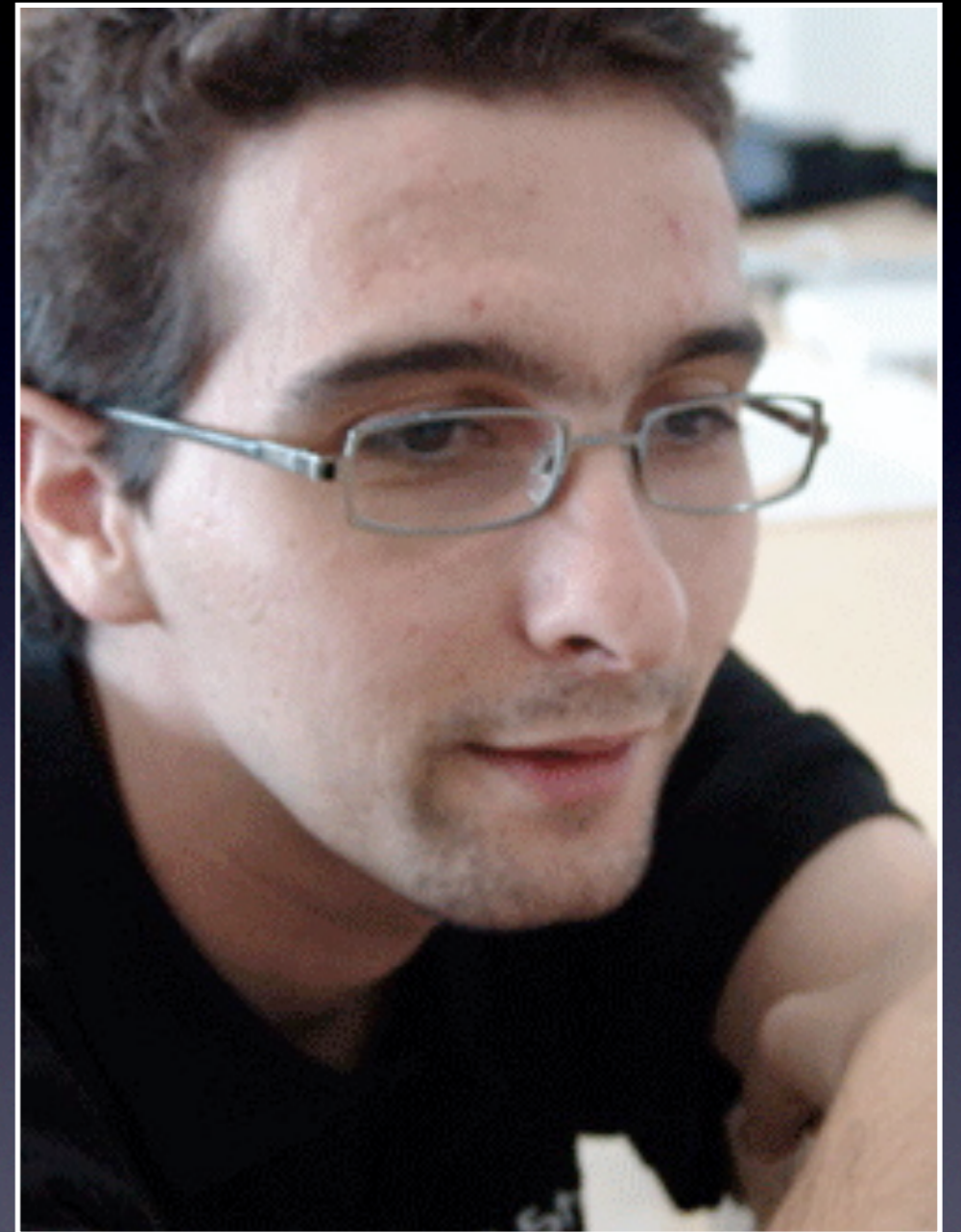
MBA, Eafit University

B. Sc. Computer Science, Eafit University

I've worked as:

R+D Manager, Computer Architecture

Professor, Thesis Advisor, process
development consultant.



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- very different “concepts” when you ask what they do every day.
- testing made is “functional testing”
- 2 of these companies are starting to perform “technical tests”

Ok, here is where the
challenge* start...

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*problems, difficulties, discussions

Functional testing = Scripted Black Box testing

Technical tests = performance testing

Software Testing = Software Quality Assurance

one thing before
continue...

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Just to check if we are in the same path

Testing is:

“A technical investigation
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*Cem Kaner

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*Gerald Weinberg

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Software { Quality } Assurance

and what's the relation
of all this with an BBST
course?

Course Roadmap

Fundamental Issues

Bug Advocacy

Fundamental Issues

Bug Advocacy

**Adv. Topics
Bug Advocacy**

Fundamental Issues

Domain Testing

Bug Advocacy

Fundamental Issues

Function Testing

Domain Testing

Bug Advocacy

Fundamental Issues

Scenario Testing

Function Testing

Domain Testing

Bug Advocacy

Fundamental Issues

Testing Techniques

Bug Advocacy

Fundamental Issues

Test Design

Testing Techniques

Bug Advocacy

Fundamental Issues

**Risk
Based**

**Specification
Based**

Test Design

Testing Techniques

Bug Advocacy

Fundamental Issues

Multivariable Testing

Risk
Based

Specification
Based

Test Design

Testing Techniques

Bug Advocacy

Fundamental Issues

Scripted

Exploratory

Multivariable Testing

**Risk
Based**

**Specification
Based**

Test Design

Testing Techniques

Bug Advocacy

Fundamental Issues

but...

- Every single course had to include a session to talk more about definitions, RUP point of view, CMMI verification and Validation PA's, and the difference between SQA and Testing.

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The new course roadmap

Fundamental Issues

Bug Advocacy

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Quality before design

Bug Advocacy

Fundamental Issues

Testing Techniques

Quality before design

Bug Advocacy

Fundamental Issues

Test Design

Testing Techniques

Quality before design

Bug Advocacy

Fundamental Issues

Test execution

Test Design

Testing Techniques

Quality before design

Bug Advocacy

Fundamental Issues